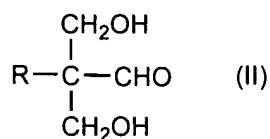
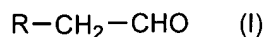


a.) Amendment to the Claims:

1. (Currently Amended) A process for producing an  $\alpha,\alpha$ -bis(hydroxymethyl)alkanal represented by Formula (II):



(wherein R represents an alkyl group, a cycloalkyl group, or an aryl group) which comprises reacting an aldehyde represented by Formula (I):



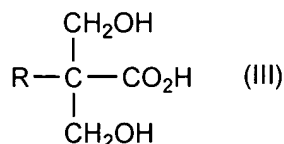
~~(wherein R has the same meaning as defined above)~~ with formaldehyde in the presence of a basic catalyst and a phase-transfer catalyst.

2. (Original) The process according to Claim 1, wherein the amount of formaldehyde used is in the range of 0.3 to 1.7 mol with respect to 1 mol of the aldehyde represented by Formula (I).

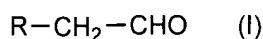
3. (Original) The process according to Claim 1 or 2, wherein the amount of the phase-transfer catalyst used is in the range of 0.0001 to 10 mol with respect to 1 mol of the basic catalyst.

4. (Currently Amended) The process according to ~~any one of Claims 1 to 3~~ Claim 1 or 2, wherein the phase-transfer catalyst is an onium salt, a crown ether, or a surfactant.

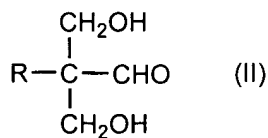
5. (Currently Amended) The process for producing an  $\alpha,\alpha$ -bis(hydroxymethyl) alkanoic acid represented by Formula (III):



(wherein R represents an alkyl group, a cycloalkyl group, or an aryl group) which comprises reacting an aldehyde represented by Formula (I):



~~(wherein R has the same meaning as defined above)~~ with formaldehyde in the presence of a basic catalyst and a phase-transfer catalyst to obtain an  $\alpha,\alpha$ -bis(hydroxymethyl)alkanal represented by Formula(II):



~~(wherein R has the same meaning as defined above)~~ and oxidizing the obtained  $\alpha,\alpha$ -bis(hydroxymethyl)alkanal.

6. (Currently Amended) The process ~~for producing~~ according to Claim 5, wherein the amount of formaldehyde used is in the range of 0.3 to 1.7 mol with respect to 1 mol of the aldehyde represented by Formula (I).

7. (Currently Amended) The process ~~for producing~~ according to Claim 5 or 6, wherein the amount of the phase-transfer catalyst used is in the range of 0.0001 to 10 mol with respect to 1 mol of the basic catalyst.

8. (Currently Amended) The process ~~for producing~~ according to ~~any one of Claims 5 to 7~~ Claim 5 or 6, wherein the phase-transfer catalyst is an onium salt, a crown ether, or a surfactant.

9. (New) The process according to Claim 3, wherein the phase-transfer catalyst is an onium salt, a crown ether, or a surfactant.

10. (New) The process for producing according Claim 7, wherein the phase-transfer catalyst is an onium salt, a crown ether, or a surfactant.